| Index o | f Claims |
|---------|----------|
| | |

| Application/ | Control No. |
|--------------|-------------|
|--------------|-------------|

10/666,498

Examiner

Alvin J. Grant

Applicant(s)/Patent under Reexamination

DIGGLE ET AL.

Art Unit

3723

| √ | Rejected |
|---|----------|
| = | Allowed |

| - | - | (Through numeral) Cancelled |
|---|---|--------------------------------|
| г | | |

| Restrict | ed |
|----------|----|
| | |

| Z | Non-Elected |
|---|--------------|
| _ | Interference |

| A | Appeal |
|---|----------|
| 0 | Objected |

| 014 | | Data | | | | Claim | | | | | | | | | ٦. | | | Deta | | | | | | | | | | | | | |
|--------|----------|----------|-----------------|---|----------|----------|--------------|--------------|----------------|----------|----------|----------|--|----------|---------------|-----------|--------------|-----------------|---------------|-----|------------------------|------------|----------|-----------------|----------|----------|----------|----------|----------|----------|-------------|
| Cla | ım | \vdash | Date Claim Date | | | | | | | | 4 | Cla | aim | Date | | | | | | | | | | | | | | | | | |
| Final | Original | 9/2/05 | | | | | | | | | Final | Original | | | | | | | | | Final | Original | | | | | | | | | |
| | 1 | = | | | | | | | | | | 51 | | | | | | | | | | 101 | | | | | | | | | Г |
| | 2 | = | | | Γ | | Π | | | | | 52 | | | | \top | Т | | $\neg \vdash$ | 1 | | 102 | | | | | | | | | |
| | 3 | II | | | | | | | | | | 53 | | | | \top | Π | | | | | 103 | | | | | | | | | |
| | 4 | = | | | | | | | | | | 54 | | | | \perp | | | | | | 104 | | | | | | | | | |
| | 5 | = | Ш | | | | L | L | L | | | 55 | | | | | | | | | | 105 | | | | | | | | | |
| | 6 | = | Ц | | L_ | L | 匚 | | L | Ш | | 56 | | \perp | | | <u> </u> | | | | | 106 | <u> </u> | | | | | | | | |
| | 7 | = | Ц | | | _ | <u> </u> | _ | <u> </u> | Ш | <u> </u> | 57 | Ш | | | _ | L | | \perp | 1 | | 107 | | | Ш | <u> </u> | | | | | |
| | 8 | = | Щ | | | ļ | ļ | _ | <u> </u> | Ш | <u> </u> | 58 | Ш | | 4 | 4 | ــــــ | Щ | \perp | 4 | <u></u> | 108 | ļ | | | <u> </u> | | | | | |
| | 9 | = | \square | | <u> </u> | _ | ▙ | <u> </u> | - | Ш | <u> </u> | 59 | Ш | | | 4 | ـــــ | \perp | | - | | 109 | | | | | | L | | | Ш |
| | 10 | = | \vdash | | _ | ⊢ | ⊢ | ┡ | | - | | 60 | \vdash | | | - | | | | - | | 110 | _ | Н | | _ | | | | | |
| | 11 12 | = | | | \vdash | \vdash | \vdash | \vdash | ├ | \vdash | | 61 | \vdash | | - | +- | | $\vdash \vdash$ | + | - | | 111 | <u> </u> | \vdash | \vdash | \vdash | <u> </u> | <u> </u> | \dashv | _ | |
| | 13 | - | \vdash | | \vdash | \vdash | - | ├ | — | \vdash | - | 62 63 | \vdash | - | - - | + | \vdash | \vdash | + | - | | 112 113 | | Н | \vdash | Н | | \vdash | | _ | \vdash |
| | 14 | Ē | \vdash | _ | - | - | | \vdash | \vdash | \vdash | - | 64 | \vdash | + | + | + | ╁ | \vdash | - | ┨ | $\vdash\vdash$ | 113 | | Н | \vdash | Н | | \vdash | \dashv | - | |
| | 15 | 11 | - | | \vdash | \vdash | \vdash | \vdash | H | \dashv | <u> </u> | 65 | Н | \vdash | + | + | \vdash | - | \dashv | ┨ | $\vdash \vdash$ | 115 | - | \vdash | | \vdash | - | H | | _ | |
| | 16 | = | | _ | \vdash | ┢ | ┢ | ╁╌ | \vdash | \vdash | - | 66 | | - | | + | \vdash | \dashv | + | ┨ | — — | 116 | - | Н | | | | | - | | |
| | 17 | = | - | • | \vdash | \vdash | \vdash | \vdash | \vdash | Н | | 67 | H | - | | ╁ | ╁ | \dashv | \dashv | ┨ | \vdash | 117 | - | Н | \vdash | | _ | Н | | | |
| | 1/8 | | | | \vdash | \vdash | | ╁ | | \vdash | | 68 | Н | - | + | + | | | | 1 | \vdash | 118 | | Н | | - | | \vdash | | | |
| | 1,8 | | | | | - | \vdash | ╁ | _ | \vdash | | 69 | \vdash | -+ | + | + | | | | 1 | | 119 | | | _ | | | Н | | | |
| | 20 | | | - | | | T | | _ | \Box | | 70 | П | \neg | + | 1 | 1 | T | \dashv | 1 | | 120 | | H | | | | | ┪ | - | |
| | 21 | = | | | | | Т | | | | 1 | 71 | M | _ | | \top | | \neg | | 1 | | 121 | | | _ | | | | 一 | | |
| | 2/2 | | | | | | | | | | | 72 | П | \neg | \top | \top | | | | 1 | | 122 | | П | | | | П | 寸 | | _ |
| | 23 | = | | | | | | | | | | 73 | П | T | $\neg \vdash$ | | П | | | 1 | | 123 | | П | | | | | \dashv | | |
| | 24 | = | | | | | | | П | | | 74 | П | \neg | | T | | | | 1 | | 124 | | П | | | | | ヿ | | |
| | 25 | = | | | | | | | | | | 75 | | | | | | | | 1 | | 125 | | \Box | | | | | T | | |
| | 26 | | | | | | | | | | | 76 | | | | | | | |] | | 126 | | | | | | | | | |
| | 27 | | \sqcup | | | | L | $oxed{oxed}$ | | | | 77 | | | | | | | |] | | 127 | | | | | | | | | |
| | 28 | | | | | | <u></u> | | _ | | | 78 | \sqcup | | | | | | | | | 128 | | | | | | | | | |
| | 29 | | | | | | | L | | | | 79 | | | | _ | | | _ | 1 | | 129 | | | | | | | | | |
| | 30 | _ | \dashv | | | _ | | | ļ | | | 80 | | _ | | _ | Ш | | | 1 | | 130 | | | | | | | _ | | |
| | 31 | _ | | | | | <u> </u> | | _ | _ | <u> </u> | 81 | \sqcup | | _ | ╇ | | _ | | | Ш | 131 | | Ш | Ш | | | | | | |
| | 32 | | | | | \vdash | _ | _ | _ | _ | <u> </u> | 82 | \vdash | | _ | + | | - | | - | oxdot | 132 | | Щ | \Box | | | | | _ | \square |
| | 33 34 | \dashv | \dashv | | \vdash | | ⊢ | | Н | \dashv | - | 83 | | | + | + | \vdash | \dashv | - | - | | 133 | | | - | Ш | | | _ | _ | |
| | 35 | \vdash | \dashv | | \vdash | \vdash | ┢ | — | \vdash | \dashv | - | 84 85 | \vdash | | + | + | \vdash | | | - | $\vdash \vdash \vdash$ | 134 135 | | $\vdash \vdash$ | \vdash | | | | | _ | \dashv |
| | 36 | \dashv | \dashv | | | \vdash | \vdash | - | | \dashv | | 86 | Н | -+ | + | + | - | \dashv | - | + | $\vdash \vdash$ | 135 | | $\vdash \vdash$ | \vdash | | = | | | - | _ |
| | 37 | - | - | | _ | \vdash | \vdash | \vdash | - | \dashv | - | 87 | \vdash | + | + | + | \vdash | - | + | + | \vdash | 136 | | $\vdash \vdash$ | \vdash | | \dashv | - | | _ | \dashv |
| | 38 | \dashv | \dashv | | | - | ┢ | \vdash | \vdash | \dashv | | 88 | | + | + | + | \vdash | \dashv | + | 1 | \vdash | 137 | | $\vdash \vdash$ | - | | | - | \dashv | - | \dashv |
| | 39 | - | + | | | \vdash | | \vdash | Н | \dashv | - | 89 | | \dashv | + | +- | | \dashv | \dashv | 1 | \vdash | 139 | _ | $\vdash \vdash$ | \vdash | \dashv | - | \vdash | \dashv | \dashv | \dashv |
| | 40 | _ | - | | - | | _ | \vdash | \vdash | \dashv | | 90 | | + | + | + | \vdash | \dashv | + | 1 | | 140 | - | $\vdash \vdash$ | \vdash | \dashv | | \vdash | \dashv | | \dashv |
| \neg | 41 | | \dashv | | | | \vdash | Н | Н | \dashv | | 91 | \vdash | - | 十 | \dagger | | \dashv | + | 1 | $\vdash \vdash \vdash$ | 141 | | $\vdash \vdash$ | \dashv | \vdash | ᅱ | - | - | \dashv | \dashv |
| | 42 | \neg | 7 | | | \vdash | | H | | \dashv | - | 92 | \vdash | \dashv | + | \top | Н | 十 | \dashv | 1 | 1 | 142 | | H | | - | \dashv | - | \dashv | \dashv | \dashv |
| | 43 | | _ | | \Box | П | | П | П | \dashv | | 93 | \Box | \top | + | \top | Н | \dashv | +- | 1 | | 143 | | \vdash | \dashv | | \dashv | \dashv | \dashv | \dashv | |
| | 44 | | 寸 | | | П | | | | \neg | | 94 | П | \top | \top | T | П | \neg | | 1 | | 144 | | H | | \neg | | | \dashv | \dashv | \dashv |
| | 45 | | | П | | | | П | П | \neg | | 95 | | _ | \top | \top | П | \dashv | $\neg \vdash$ | 1 | | 145 | | | | | \dashv | \neg | 7 | | \dashv |
| | 46 | | | | | | | П | П | \neg | | 96 | | | 1 | T | П | \neg | - | 1 | | 146 | | Н | | \neg | 一 | | 一 | | \dashv |
| | 47 | | | | | | | | | | | 97 | П | \neg | \top | 1 | П | | \top | 1 | | 147 | | \Box | \neg | \neg | \neg | | 7 | | \dashv |
| | 48 | | | | | | | | | | | 98 | | | | Ι | | | |] i | | 148 | | \neg | | | | | | | \neg |
| | 49 |] | \Box | | | | | | | | | 99 | | | | | | | |] | | 149 | | | | | | | 丁 | | \neg |
| | 50 | | | | | | | | | | | 100 | | | I | | | 丁 | |] | | 150 | | \Box | | | | | \neg | | \neg |